



Material Safety Data Sheet

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| WHMIS  | Protective Clothing  | TDG Road/Rail  |
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Section I. Product Identification and Uses

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|--------------------------|---|-------------------------|---|
| Common/Trade name | RIV-500 | CI# | Not applicable. |
| Synonyms | Not available. | DSL | CEPA DSL |
| Chemical name | Not applicable. | CAS# | mélange / mixture |
| Chemical formula | Not applicable. | Code | RIV-500 |
| Chemical family | General polymer. (Polymer.) | Molecular weight | Not applicable. |
| Supplier | Adhpro Adhesives inc. Tel: (819) 847-2269 1650, Industriel Boul. Fax: (819) 847-4990 Magog, Quebec, J1X 4V9 | Manufacturer | Adhpro Adhesives Inc. Tel: (819) 847-2269 1650, Boul. Industriel Fax: (819) 847-4990 Magog, Quebec, J1X 4V9 |
| Material uses | Industrial applications: Adhesive. | | |

Section IA. First Aid Measures

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| Eye contact | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. |
| Skin contact | In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. |
| Hazardous skin contact | Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention. |
| Slight inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| Hazardous inhalation | Not available. |
| Slight ingestion | Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Hazardous ingestion | No additional information. |

Section II. Hazardous Ingredients

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| Name | CAS # | % by Weight | TLV/PEL | LC ₅₀ /LD ₅₀ |
|--------------------|---------|-------------|--|---|
| METHYLENE CHLORIDE | 75-09-2 | 5 - 10 | ACGIH (Canada). TWA: 500 ppm STEL: 1000 ppm | ORAL (LD50): Acute: 1600 mg/kg [Rat]. VAPOR (LC50): Acute: 31113 mg/m ³ 4 hour(s) [Rat]. 19049 mg/m ³ 4 hour(s) [Mouse]. |

Section III. Physical Data

| | | | |
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| Physical state and appearance | Liquid. | Odor | Methylene chloride odor. (Slight.) |
| pH (1% soln/water) | 4 to 6 [Acidic.] | Taste | Not available. |
| Odor threshold | The lowest known value is 158 ppm (Dichloromethane) | Color | White. (Light.) |
| Volatility | 50.5 to 54.5% (w/w). | | |
| Melting/Sublimation point | 0°C (32°F) | | |
| Boiling/Condensation point | 100°C (212°F) | | |
| Specific gravity | 1.07 (Water = 1) | | |
| Vapor density | The highest known value is 2.93 (Air = 1) (Dichloromethane). Weighted average: 1.26 (Air = 1) | | |
| Vapor pressure | The highest known value is 46.5 kPa (348.8 mm Hg) (at 20°C) (Dichloromethane). Weighted average: 14.53 kPa (108.98 mm Hg) (at 20°C) | | |
| Evaporation rate | 1 compared to water | | |
| Viscosity | Not available. | | |
| Water/oil dist. coeff. | Not available. | | |
| Ionicity (surface active agent) | Non-ionic. | | |
| Critical temperature | Not available. | | |
| Instability temperature | Not available. | | |
| Conditions of instability | Not available. | | |
| Dispersion properties | Easily dispersed in methanol. See solubility in water, methanol, acetone. | | |
| Solubility | Easily soluble in cold water, hot water, methanol, acetone. | | |

Section IV. Fire and Explosion Data

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The product is: Non-flammable.

Auto-ignition temperature Not applicable.

Fire degradation products Not applicable.

Flash points Not applicable.

Flammable limits Not applicable.

Fire extinguishing procedures Not applicable.

Flammability Not applicable.

Remark
Not available.

Risks of explosion Not available.

Remark
Not available.

Section V. Reactivity Data

Stability The product is stable.

Hazardous decomp. products These products are halogenated compounds, hydrogen chloride.

Degradability Not available.

Products of degradation These products are carbon oxides (CO, CO₂) and water, halogenated compounds.
The products of degradation are less toxic than the product itself.

Remark
Not available.

Corrosivity Not available.

Remark
Not available.

Reactivity Slightly reactive to reactive with oxidizing agents, alkalis.

Remark
Not available.

Section VI. Toxicological Properties

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|----------------------------------|---|
| Routes of entry | None. |
| TLV | Not available. |
| Toxicity for animals | Acute oral toxicity (LD50): 1600 mg/kg [Rat]. (Dichloromethane). Acute toxicity of the vapor (LC50): 19049 mg/m ³ 4 hour(s) [Mouse]. (Dichloromethane). |
| | Remark Not available. |
| Chronic effects on humans | <small>Very hazardous in case of eye contact (irritant), of ingestion, of inhalation (lung irritant, lung sensitizer). Slightly hazardous in case of skin contact (corrosive, irritant, sensitizer). CARCINOGENIC EFFECTS: Classified PROVEN, + (Proven.) by OSHA, + (Proven.) by NIOSH [Dichloromethane]. Classified A3 (Proven for animal.) by ACGIH [Dichloromethane]. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. [Dichloromethane]. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, the nervous system, liver. Repeated or prolonged exposure to the substance can produce target organs damage.</small> |
| | Remark Not available. |
| Acute effects on humans | Very hazardous in case of ingestion, of inhalation (lung sensitizer). Hazardous in case of skin contact (sensitizer), of eye contact (irritant), . |
| | Remark Not available. |

Section VII. Preventive Measures

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| Waste information | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |
| Waste stream | Not available. |
| Storage | Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store below 7°C (44.6°F). |
| Precautions | DO NOT ingest. Do not breathe gas, fumes, vapor or spray. Avoid contact with eyes. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. |
| Small spill and leak | Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. |
| Large spill and leak | Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. |
| Protective clothing | Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. |

Section VIII. Classification

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TDG road / rail - Not a TDG controlled material.



Not applicable.

Maritime transportation Not available.

Remark
Not available.

WHMIS Class D-1B: Material causing immediate and serious toxic effects (TOXIC).
Class D-2A: Material causing other toxic effects (VERY TOXIC).
Class D-2B: Material causing other toxic effects (TOXIC).



Remark
Not available.

Federal and provincial regulations This product is on the DSL list.

Section IX. Protective Clothing

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Impervious gloves.



Section X. Other Information

References Not available.

Not available.

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